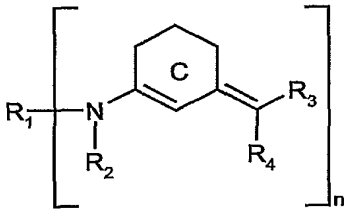
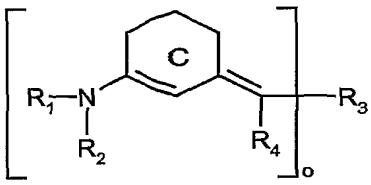
What is claimed is:

1. Use of a compound of formula

(1a)  or (1b)  , wherein

R_2 is hydrogen; C_1-C_{22}alkyl; cyclo-C_3-C_8alkyl; unsubstituted or C_1-C_6alkyl- or C_1-C_6alkoxy-substituted C_6-C_{20}aryl; or a cyano group;

R_4 is a cyano group; or $-Q_1$-R_5;

Q_1 is -COO-; -CONH-; -CO-; $-SO_2$-; or $-CONR_6$-;

R_5 is C_1-C_{22}alkyl; cyclo-C_3-C_8alkyl; or unsubstituted or C_1-C_6alkyl-substituted C_6-C_{20}aryl;

R_6 is hydrogen; C_1-C_{22}alkyl; cyclo-C_3-C_8alkyl; unsubstituted or C_1-C_6alkyl- or C_1-C_6alkoxy-substituted C_6-C_{20}aryl;

the cyclohexene radical C is not substituted or substituted by one or more C_1-C_5alkyl;

n is from 2 to 4;

o is from 2 to 4;

if n = 2, in formula (1a)

R_1 is an alkylene, cycloalkylene or phenylene-radical; or R_1 and R_2 simultaneously form an alkylene, cycloalkylene or phenylene radical; and

R_3 is a cyano group or -Q_1-R_5; or R_3 and R_4 together form a 5- to 7-membered, monocyclic carbocyclic ring, which is optionally interrupted by –O- or $-NR_7$-;

If o = 2, in formula (1b)

R_3 is an alkylene, cycloalkylene or phenylene radical, which is optionally substituted with C_1-C_4alkyl, C_1-C_4alkoxy, $-COR_6$, $-COOR_6$ or $-CONHR_6$; and

R_1 is hydrogen; a cyano group; C_1-C_{22}alkyl; cyclo-C_3-C_8alkyl; unsubstituted or C_1-C_6alkyl- or C_1-C_6alkoxy-substituted C_6-C_{20}aryl; or R_1 and R_2 together with the nitrogen atom linking them form a $-(CH_2)_m$- ring which is optionally interrupted by -O- or by $-NR_7$-;

R_7 is hydrogen; C_1-C_{22}alkyl; cyclo-C_3-C_8alkyl; unsubstituted or C_1-C_6alkyl- or C_1-C_6alkoxy-substituted C_6-C_{20}aryl;

m is a number from 3 to 7;

if n = 3, in formula (1a)

R_1 is a trivalent alkyl group, which is optionally interrupted by one or more –O- or -NR_7-groups; and

R_3 is a cyano group or -Q_1-R_5; or R_3 and R_4 together form a 5- to 7-membered, monocyclic carbocyclic ring;

if o = 3, in formula (1b)

R_3 is an alkylidene, cycloalkylidene or phenylidene radical; and

R_1 is hydrogen; a cyano group; C_1-C_{22}alkyl; cyclo-C_3-C_8alkyl; unsubstituted or C_1-C_6alkyl- or C_1-C_6alkoxy-substituted C_6-C_{20}aryl; or R_1 and R_2 together with the nitrogen atom linking them form a -$(CH_2)_m$- ring which is optionally interrupted by -O- or by –NR_7-;

if n = 4, in formula (1a)

R_1 is a tetravalent alkyl group; and

R_3 is a cyano group; or -Q_1-R_5; or R_3 and R_4 together form a 5- to 7-membered, monocyclic carbocyclic ring;

if n = 4, in formula (1b)

R_3 is a tetravalent alkyl group; and

R_1 is hydrogen; a cyano group; C_1-C_{22}alkyl; cyclo-C_3-C_8alkyl; unsubstituted or C_1-C_6alkyl- or C_1-C_6alkoxy-substituted C_6-C_{20}aryl; or R_1 and R_2 together with the nitrogen atom linking them form a -$(CH_2)_m$- ring which is optionally interrupted by -O- or by –NR_7-;

in protecting human and animal hair and skin from UV radiation.

2. Use according claim 1, wherein in formula (1a)

R_1 is defined as in formula (1a);

R_2 is hydrogen;

R_3 is a cyano group;

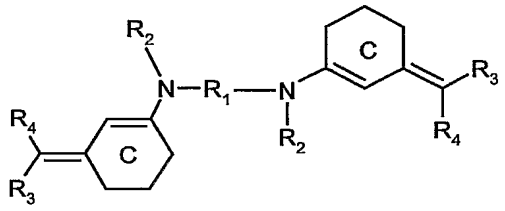
R_4 is –$CONHR_5$; and

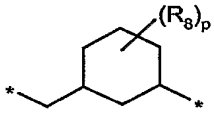
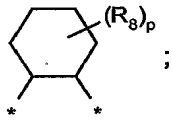
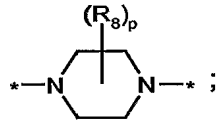
R_5 is C_1-C_{22}alkyl; or C_6-C_{20}aryl.

3. Use according to claim 1, wherein

if n = 2,

compounds of formula

(1c)  are used, wherein

R_1 is a $*-(CH_2)_m-*$ group, not substituted or substituted with one or more than one C_1-C_5radicals; a bivalent radical of formula ($1a_1$)  ; a bivalent radical of formula ($1a_2$)  ; or R_1 and R_2 together with the 2 linking nitrogen atoms form a bivalent radical of formula ($1a_3$)  ;

R_8 is hydrogen; or C_1-C_5alkyl;

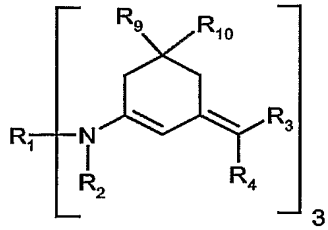
R_3 is a cyano group; or $-Q_1-R_5$;

p is a number form 0 to 3;

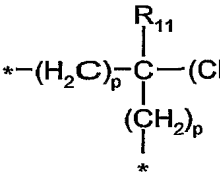
the cyclohexene radical C is not substituted or substituted by one or more C_1-C_5alkyl; and

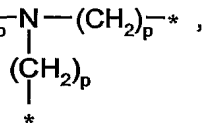
R_2, R_4, R_5, Q_1 and m are defined as in claim 1.

4. Use according to claim 1, wherein compounds of formula

(1d) 

are used, wherein

R_1 is a trivalent radical of formula (1d$_1$)  ; or

(1d$_2$)  ,

R_2 is hydrogen; or C_1-C_5alkyl;

R_3 and R_4, independently from each other are a cyano group; or $-Q_1$-R_5;

Q_1 is -COO-; -CONH-; -CO-; -SO_2-; -$CONR_{12}$-;

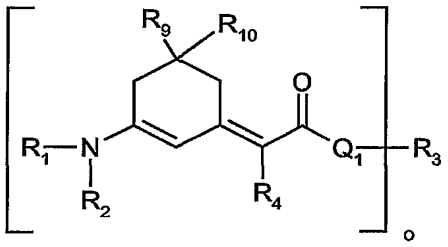
R_5 is C_1-C_5alkyl;

R_9 and R_{10} independently from each other are C_1-C_4alkyl;

R_{11} and R_{12} independently from each other are hydrogen; or C_1-C_5alkyl; and

p is a number from 0 to 5.

5. Use according to claim 1, wherein compounds of formula

(1e) 

are used, wherein

R_1 and R_2 are each independently of the other C_1-C_{22}alkyl; or a cyano group; or R_1 and R_2 together with the nitrogen atom linking them form a -$(CH_2)_m$-ring which is optionally interrupted by -O- or by -NR_7-;

R_4 is a cyano group; or $-Q_1$-R_5;

o is 3; or 4;

if o = 3

R_2 is a trivalent alkyl radical;

if o = 4

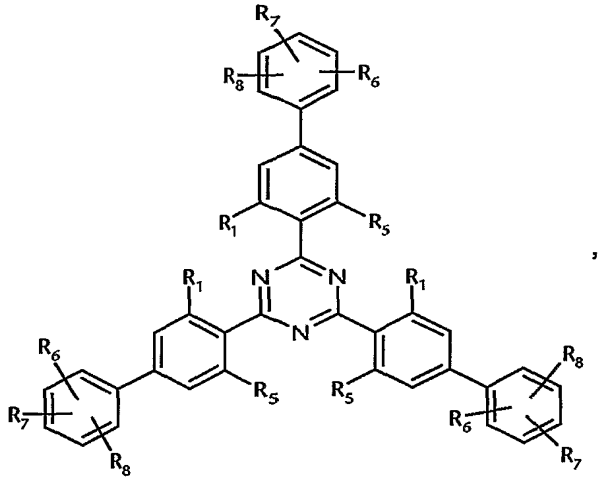
R_2 is a tetravalent alkyl radical;

R_5, R_7, Q_1 and m are defined as in claim 1; and

R_9 and R_{10} are defined as in claim 4.

6. Use according to any of claims 1 to 5, wherein an additional UV absorber is used.

7. Use according to claim 6 wherein the additional UV absorber is selected from the triazine compounds of formula

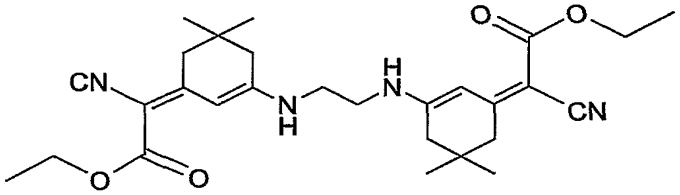
($t_2$1)  , wherein

R_1 and R_5 are hydrogen; C_1-C_{18}alkyl; or C_6-C_{12}aryl; and

R_6, R_7 and R_8, independently from each other are hydrogen; hydroxy; halogen; C_1-C_{18}alkyl; C_1-C_{18}alkoxy; C_6-C_{12}aryl; biphenylyl; C_6-C_{12}aryloxy; C_1-C_{18}alkylthio; carboxy; -COOM; C_1-C_{18}-alkylcarboxyl; aminocarbonyl; or mono- or di-C_1-C_{18}alkylamino; C_1-C_{10}acylamino; or –COOH.

8. Use according to claim 6 or 7, wherein a UV filter combination comprising

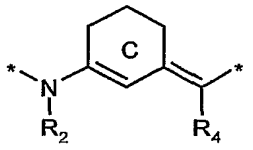
(t_3) the compound of formula

(MC02)  ; and

(t_4) 1,3,5-Triazine, 2,4,6-tris[1,1'-biphenyl]-4-yl- (9Cl).

is used.

9. Use of a momomeric, oligomeric or polymeric compound comprising structural elements of formula

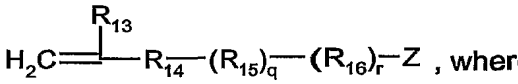
(2)  , wherein

at least one of the asterix-marked radicals may be bound to the momomeric, oligomeric or polymeric radical;

the cyclohexene radical C is not substituted or substituted by one or more C_1-C_5alkyl; and R_2 and R_4 are defined as in claim 1;

as UV chromophores in protecting human and animal hair and skin from UV radiation.

10. Use according to claim 9, wherein the momomeric, oligomeric or polymeric compound corresponds to formula

(3)  , wherein

Z is a radical of formula (2);

R_{13} is hydrogen; halogen; or C_1-C_5alkyl;

R_{14} is –CONH-; -COO-; or a phenylene radical;

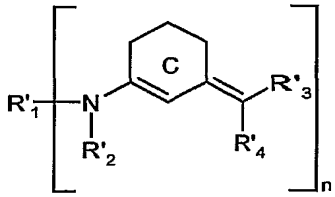
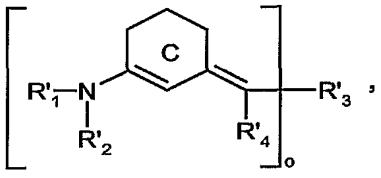
R_{15} is C_1-C_{20}alkylene; or C_6–C_{20}arylene;

R_{16} is –COO-; -OCO-; -CONH-; -NH-CO-O-; -NH-CO-; -SO_2NH-; -$NHSO_2$-; -SO_2- or –O-;

q is 0; or an integer; and

r is 0; or an integer.

11. Compounds of formula

(1'a)  or (1'b)  ,

R'_2 is hydrogen; C_1-C_{22}alkyl; cyclo-C_3-C_8alkyl; unsubstituted or C_1-C_6alkyl- or C_1-C_6alkoxy-substituted C_6-C_{20}aryl; a cyano group; or R'_1 and R'_2 together with the nitrogen atom linking them form a -$(CH_2)_m$- ring which is optionally interrupted by -O- or by –NR'_7-;

R'_4 is –Q'_1-R'_5;

Q'_1 is -COO-; -CONH-; -CO-; -SO_2-; or –$CONR'_6$-;

R'_5 is C_1-C_{22}alkyl; cyclo-C_3-C_8alkyl; or unsubstituted or C_1-C_6alkyl-substituted C_6-C_{20}aryl;

R'_6 is hydrogen; C_1-C_{22}alkyl; cyclo-C_3-C_8alkyl; unsubstituted or C_1-C_6alkyl- or C_1-C_6alkoxy-substituted C_6-C_{20}aryl;

R'_7 is hydrogen; C_1-C_{22}alkyl; cyclo-C_3-C_8alkyl; unsubstituted or C_1-C_6alkyl- or C_1-C_6alkoxy-substituted C_6-C_{20}aryl;

the cyclohexene radical C is not substituted or substituted by one or more C_1-C_5alkyl;

m is from 3 to 7;

n is from 2 to 4;

o is from 2 to 4;

if n = 2, in formula (1'a)

R'_1 is an alkylene, cycloalkylene or phenylene-radical; or R'_1 and R'_2 simultaneously form an alkylene, cycloalkylene or phenylene radical; and

R'_3 is a cyano group or $-Q'_1$-R'_5; or R'_3 and R'_4 together form a 5- to 7-membered, monocyclic carbocyclic ring;

If o =2, in formula (1'b)

R'_3 is an alkylene, cycloalkylene or phenylene radical; and

R'_1 is hydrogen; a cyano group; C_1-C_{22}alkyl; cyclo-C_3-C_8alkyl; unsubstituted or C_1-C_6alkyl- or C_1-C_6alkoxy-substituted C_6-C_{20}aryl; or R_1 and R_2 together with the nitrogen atom linking them form a $-(CH_2)_m-$ ring which is optionally interrupted by -O- or by $-NR'_7$-;

if n = 3, in formula (1'a)

R'_1 is a trivalent alkyl group, which is optionally interrupted by one or more –O- or $-NR'_7$-groups; and

R'_3 is a cyano group or $-Q'_1$-R'_5; or R'_3 and R'_4 together form a 5- to 7-membered, monocyclic carbocyclic ring;

if o = 3, in formula (1'b)

R'_3 is an alkylidene, cycloalkylidene or phenylidene radical; and

R'_1 is hydrogen; a cyano group; C_1-C_{22}alkyl; cyclo-C_3-C_8alkyl; unsubstituted or C_1-C_6alkyl- or C_1-C_6alkoxy-substituted C_6-C_{20}aryl; or R'_1 and R'_2 together with the nitrogen atom linking them form a $-(CH_2)_m-$ ring which is optionally interrupted by -O- or by $-NR'_7$-;

if n = 4, in formula (1'a)

R'_1 is a tetravalent alkyl group; and

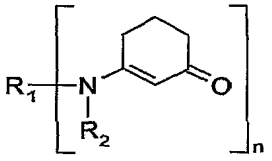
R'_3 is a cyano group or $-Q'_1$-R'_5; or R'_3 and R'_4 together form a 5- to 7-membered, monocyclic carbocyclic ring;

if o = 4, in formula (1'b)

R'_3 is a tetravalent alkyl group; and

R'_1 is hydrogen; a cyano group; C_1-C_{22}alkyl; cyclo-C_3-C_8alkyl; unsubstituted or C_1-C_6alkyl- or C_1-C_6alkoxy-substituted C_6-C_{20}aryl; or R'_1 and R'_2 together with the nitrogen atom linking them form a $-(CH_2)_m-$ ring which is optionally interrupted by -O- or by $-NR'_7-$.

12. Compounds of formula

(4)  , wherein

R_2 is hydrogen; C_1-C_{22}alkyl; cyclo-C_3-C_8alkyl; unsubstituted or C_1-C_6alkyl- or C_1-C_6alkoxy-substituted C_6-C_{20}aryl; or R_1 and R_2 together with the nitrogen atom linking them form a $-(CH_2)_m-$ ring which is optionally interrupted by -O- or $-NR_3-$;

R_3 is hydrogen; C_1-C_{22}alkyl; cyclo-C_3-C_8alkyl; or unsubstituted or C_1-C_6alkyl-substituted C_6-C_{20}aryl;

m is from 3 to 7;

n is from 2 to 4;

the cyclohexene radical C is not unsubstituted or substituted by one or more C_1-C_5alkyl;

when n = 2,

R_1 and R_2 simultaneously form an alkylene, cycloalkylene or phenylene radical;

when n = 3,

R_1 is a trivalent alkyl group, which is optionally interrupted by one or more –O- or $-NR_3-$groups;

when n = 4,

R_1 is a tetravalent alkyl group which is optionally interrupted by one or more –O- or $-NR_3-$groups.

13. Use of the compounds of formula (4) according to claim 12 as UV-B absorbers in protecting human and animal hair and skin from UV radiation.

14. Use of the compounds of formula (4) according to claim 12 as intermediates for the preparation of UV absorbers.

15. A cosmetic preparation comprising at least one or more compounds of formula (1a), (1b) or (4) according to claim 1 or 12 with cosmetically acceptable carriers or adjuvants.